



CROSSTALK

A Publication of the TRW Amateur Radio Club



NOVEMBER 1993

CALENDAR:

Every Monday: DCS Net on 145.32 Repeater @ 7:30 PM

Every Wednesday: Emergency Communications Team Net on 145.32 Repeater at Noon

Every Friday: Club Breakfast in Bldg S Cafeteria, 7 to 8 AM

Nov 2: Eyeball QSO meeting, Upper Crust Pizza, corner Manhattan Beach Blvd & Inglewood Ave, 5:30 PM

Nov 6-8: ARRL Nov Sweepstakes, CW

Nov 9: Emergency Communications Team meeting, R3/1413, Noon

Nov 9: Executive Board Meeting, E2/1200, 5:30 PM

Nov 13: TRW ARC BANQUET

Nov 19: Technical Chairman's Meeting, Bldg 65 Shack, Noon

Nov 20-22: ARRL Nov Sweepstakes, Phone

Nov 27: Swapmeet, Parking Lot, NW corner Aviation & Marine, 7-11 AM

Nov 26-28: CQ WW DX CW Contest

Nov 30: Club Meeting, E2/1200, Noon

EDITORS NOTES: The deadline for Crosstalk submissions is the eyeball QSO meeting the month before publication. Please plan ahead if you want your contest team attempt or activity publicized in our club newsletter.

The Banquet flier in the October Crosstalk had the wrong date, the Banquet will be held on November 13. A new flier is included in this issue for those who have not signed up yet. Remember there is limited seating and first come first serve or reservations.

See you on the bands, 73 de KJ6GR.

Banquet Date Changed to November 13th

Rich Sauer, N6CIZ

Well, the Gremlins were hard at work last month as I prepared the flyer and article on the TRW/ARC Banquet. For some reason I decided to rely on my memory instead of doing the smart thing and I messed up on the date of the banquet. PLEASE note that the REAL date of the banquet is **Saturday, November 13th**. Don't show up a week late! Mark your calendars now.

And for those of you who have not sent in your reservation, there's still time. But hurry! Seating is limited and is going fast! Maybe giving away thousands of dollars worth of doorprizes has something to do with that. For a measly 10 bucks you could walk away with a full stomach and armloads of great stuff.

I'll see you there, Saturday, November 13th!!!



**Mail Your Reservation
Form in Today and ...**



**We'll See You on
November 13th !!!**

QRP in the Park

WELL THERE I WAS IN THE 65 'SHACK AGAIN GOING TO FIRE UP THE OLD KENWOOD 940 AND SEE WHAT WAS HAPPENING ON THE BANDS WHEN OUT OF THE CORNER OF MY EYE I CATCH A GLIMPSE OF THE BLACK BOX THAT IS THE CLUBS QRP RIG.

THIS RIG WAS THOUGHTFULLY PUT TOGETHER BY DAVE QUALS -K6AYK- A WHILE BACK - I HAD TO LOOK AT IT. IT IS SELF CONTAINED - 20 METER CW TRANSCEIVER, ANTENNA, ANTENNA TUNER, POWER SUPPLY, BENCHER PADDLE, HEADPHONES, AND ALL THE PUBS.

HAVING JUST MOVED INTO AN APARTMENT AND HAVING NO HF RIG AVAILABLE HAS MADE ME DESPERATE FOR MY CW FIXES SO I TOOK IT HOME WITH ME. 5 WATTS OUTPUT WONDER HOW FAR THAT WOULD GET ME??

WELL I TRIED SETTING IT UP AROUND THE APARTMENT COMPLEX BUT NO LUCK WITH GETTING OUT. I COULD HEAR LOTS OF STATIONS BUT NO ONE COULD HEAR ME- BUMMER THIS QRP IS NOT WHAT I THOUGH IT WOULD BE.

NEXT DAY I WAS WALKING MY DOG WHEN IT DAWNED ON ME -TRY IT IN THE PARK! WELL NOW THE NEXT AFTERNOON WAS LIKE A MINI FIELD DAY. FOUND 2 TREES IN THE RIGHT DIRECTION THREW UP THE TWIN LEAD DOUBLET ANTENNA HOOKED IT UP AND TURNED THE RADIO ON. THE DIPOLE IS UP ABOUT 15 FEET OR SO NOT TOO GOOD WILL I GET OUT??

THERE'S WORKB CALLING CQ LETS GIVE IT A SHOT--WELL A RST OF 559 FROM MINNEAPOLIS, NOT BAD. NO SOONER SIGN OFF WHEN W0KZD CALLS ME!! ANOTHER 559 FROM MINNEAPOLIS --HEY NOW THIS IS MORE LIKE IT..

WELL I ADDED W0IB AND N5WBG BEFORE CLOSING DOWN DUE TO DARKNESS AND THE WX (GETS REAL COOL AND WINDY AROUND HERE) 4 GOOD CONTACTS IN ABOUT AN HOUR AND A HALF -- NOT BAD, NOT BAD AT ALL COULD NOT WAIT TILL THE NEXT DAY.....

I SHOULD OF STAYED AT HOME NO ONE HEARD ME AT ALL--BUMMED AGAIN. OVER THE NEXT 2 WEEKS I WORKED: VE7DKJ, WA9TAF, W8TSF, W3NP, W2OCD, KB4JR AND A FELLOW QRP'ER W6QKB IN PASADENA.

NOW I DON'T OPERATE EVERY AFTERNOON AND I HAVE GOOD DAYS AND BAD BUT SOMETHING ELSE HAS HAPPENED.. ITS FUN! NO LONGER IS MY CW CONFINED TO A LITTLE SIMI DARK ROOM, WHERE EVERYBODY LEAVES ME ALONE. I HAD A BLAST TALKING TO PEOPLE IN THE PARK AND HAVE BEEN MOBBED BY A SIMI PRO FOOTBALL TEAM OF 10-12 YEAR OLD'S. QUESTIONS? WOW EVERYTHING YOU CAN THINK OF; CAN YOU TALK TO THE POLICE, AIRPLANES, THE MOON, MARS, MY DAD'S CAR PHONE? ECT. ECT.

I AM NOW SAVING FOR MY OWN SIMILAR QRP SET UP (I'LL HAVE TO GIVE THE CLUBS RIG BACK SOME DAY!). IS THIS CW-QRP FOR EVERYONE?? I DON'T KNOW IT DOES TAKE SOME GETTING USE TOO AND IT HAS CHANGED ME SOME (I TAKE THE RIG ALMOST EVERYWHERE I GO).

TILL NEXT TIME 73'S
KN6OW BRYAN

TRW/ARC Ancient History Department - Chapter 5

Doug Heydon, WB6WDS was re-elected President of the club for 1969.

A number of activities were continued and/or planned for the new year and the club made a lot of progress.

Improvements to the club station WB6WPO in Building 65 were made and many members contributed to the efforts as well as keeping our station on the air. We had planned to get our two 60 ft towers equipped with a beam and wire antennas. Our plans were interrupted by a temporary closure of the building for major remodeling. The shutdown silenced WB6WPO for about three months and delayed completing our antenna installations, but we did get the station back on the air in the fall using our HF vertical.

Field Day planning started early in the year with Doug Freeman, WA6AZW heading the club's efforts. Doug and his committee selected a site on the Palos Verdes Peninsula with a good eastern "exposure" and high on the hill. Field Day was held on June 28-29 and turned out to be a great affair for the club. We operated in Class 6A - six stations in the Club category - and logged 2395 contacts. That totaled 17,596 points, a big increase over our 1968 score. Operations covered 10 different bands, with no more than six stations on at any one time. Doug expertly controlled the operations so that we could maximize the activities as a function of band activities. When the final results were published in the November issue of QST, the club was pleased to end up in second place in Class 6A. We were first in that class in California. Very fine results for our second time out as a club.

The club also participated in the TRW Family Day on September 6. We set up operations on the R5 Patio and worked on four bands. We logged 60 contacts including sending 34 messages for other TRW Employees and their guests. Family Day was a well-attended event, giving employees a chance to bring family members and friends for a tour of Space Park and many of its labs were open for demonstrations and exhibits of interest to the visitors. Our demonstration of Amateur Radio on-the-air attracted a lot of attention. We had the pleasure of showing our communications skills to Dr. Rueben Mettler and his family during the event.

Further efforts to affiliate with ARRL were made but we just couldn't quite qualify. Arm-twisting of the membership continued to get more people to join ARRL, as we fell just short of the necessary 51 percent of the membership belonging to qualify as an affiliated club.

Nobody was hungry in 1969 so we were not able to schedule our "Annual Hamfeast". The "Annual Hamfeast" was rescheduled for 1970. I guess that made it a "Bi-Annual Hamfeast"!

TRW ARC MEMBERSHIP SURVEY

By: Frank Cartier, WA6RAY

Here are the summary results of the membership survey that was recently completed. We had 52 people respond which is about a third of our membership.

- 1) Age:

under 20: 2 (4%)	30 - 39: 5 (10%)	50 - 59: 9 (17%)
20 - 29: 5 (10%)	40 - 49: 15 (29%)	60+: 9 (17%)

 License Class:

Novice: 0 (0%)	General: 5 (10%)	Extra: 5 (10%)
Tech: 17 (33%)	Advanced: 21 (40%)	Tech +: 4 (8%)

 Years Licensed:

0 - 5: 23 (44%)	11 - 20: 5 (10%)	25 - 30: 6 (12%)
6 - 10: 2 (4%)	20 - 25: 6 (12%)	30+: 13 (25%)

- 2) Why did you join the Club?

Socialize, meet more hams: 35 (67%)	Swapmeet: 31 (60%)
Noontime meetings: 21 (40%)	Emergency Communications: 21 (40%)
Club Station: 19 (37%)	Field day: 16 (31%)
Other: 8 (15%)	

Learn, Upgrade, Meet hams, use the library (2), repeaters, compulsive joiner, picnics, VHF contests (2), equipment loan, T-Hunts

- 3) What do you plan to participate in?

Field day: 25 (48%)	Contests (hf & VHF): 20 (38%)
Emergency Comm: 25 (48%)	Swapmeet: 29 (56%)
Nov. banquet: 20 (38%)	Monthly Club meetings: 27 (52%)
Friday breakfast: 6 (12%)	Club stations: 17 (33%)
Training: 6 (12%)	Other: 4 (8%)

Borrow books, borrow equipment

- 4) Your Interest in amateur radio ?

HF: 31 (60%)	VHF: 26 (50%)	UHF: 31 (60%)
Packet: 29 (56%)	Oscar: 7 (13%)	RTTY: 2 (4%)
SSTV: 2 (42%)	AMTOR: 1 (2%)	CW: 9 (17%)
Computers: 22 (42%)	QRP: 8 (15%)	ATV: 9 (17%)
DCS/RACES/ARES: 14 (27%)	Microwave: 6 (12%)	DX: 16 (31%)
Other: 7 (13%)		

2M ragchewing, 6M RC airplanes, Homebrewing, Antennas

- 5) Meeting time preference:

Noontime: 26 (50%)	Evenings: 10 (19%)
No Meeting: 5 (10%)	Alternate Noon/Evening: 8 (15%)

Every other month - this was a write in.

- 6) How often do you attend club meetings:

Range was from 0 to 36. Average was 6.5 times.

What would make you come more often? more time, great speakers, different work schedule, different time, demo's of techniques and equipment, less golf, distance, remembering, access

- 7) How often do you use Bldg. 65 station?

Weekly: 0 (0%)	Monthly: 6 (12%)	Seldom/Never: 45 (87%)
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8) Employment Status:
Current TRW: 32 (62%) Non TRW: 8 (15%) Former TRW: 1 (2%)
Retired TRW: 7 (13%) Family Member: 4 (8%)

9) How often do you come to the swapmeet?
Range: 0 to 12 times per year. Average: 7.5 times per year

10) Would you help with training classes?
Yes: 20 (38%) No: 20 (38%) Maybe: 1 (2%)

11) Are you an ARRL member:
Yes: 28 (38%) No: 20 (38%) Life: 2 (4%)

12) Should we offer entry level classes?
Yes: 34 (65%) No: 13 (25%)

Would you help?
Yes: 23 (44%) No: 20 (38%)

Would you become a Volunteer Examiner?
Yes: 17 (33%) No: 25 (48%)

13) What would make the club better?

Weekly net, classes, more events and contests, set up demos at schools, clean up shack, you're doing a great job now, packet station, crosstalk info 1 month earlier, this is one of the best clubs, no re configuring of radios

FOR SALE: Ten Tec Titan Linear Amplifier, 1500 W output 10 through 160 Meters, Excellent condition, low hours. \$1800. Call Bill Shanney, KJ6GR, (310) 542-9899 evenings.

FOR SALE: 35' Crank up, fold over tower with Gem Quad (includes extra spreaders) and Yaesu Rotator, \$450/obo. Kenwood TL 922A Amplifier and SM 220 monitor, \$1500/obo. Call Bill, N6MEL (310) 371-3624.